

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

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The invention relates to an apparatus and method of detecting a sequence of information symbols from a first signal subjected to inter-symbol interference. The method is performed as one or more signal processing paths are each being adapted to setting each symbol in the sequence to a value. When an uncertain decision has been taken in a given signal processing path, the signal processing path is divided into two. After setting a number of symbols, the sequence of information symbols is selected. The threshold used to determine whether a symbol is certain or not is adjusted in accordance with an estimate of the noise. The number of symbol errors when detecting a signal subjected to inter-symbol interference, e.g. in a mobile station, is reduced, and therefore the performance of the receiver is improved. Since unnecessary calculations are minimized, computational complexity is reduced which, in turn, reduces the power consumption.